

ABSTRACT OF THE DISCLOSURE

Corrected driving currents for a low gray level and a high gray levels are obtained respectively from a standard driving current by incorporating a beam spot area correction coefficient for variations of a beam spot area formed by a light beam emitted from a light-emitting element and transmitted through a lens array; an influence for a low gray level and a high gray level caused by one of a screen angle of pixel, a sensitivity of photoconductor, a surface temperature of photoconductor, and a developing bias voltage; and a light quantity correction coefficient. A driving current for driving the light-emitting element is obtained by using linear interpolation from the two corrected driving currents.